

Figure 1 The task description network of a name with three HMMs

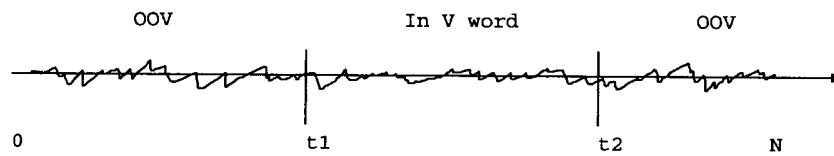


Figure 2 Quantities involved in utterance rejection

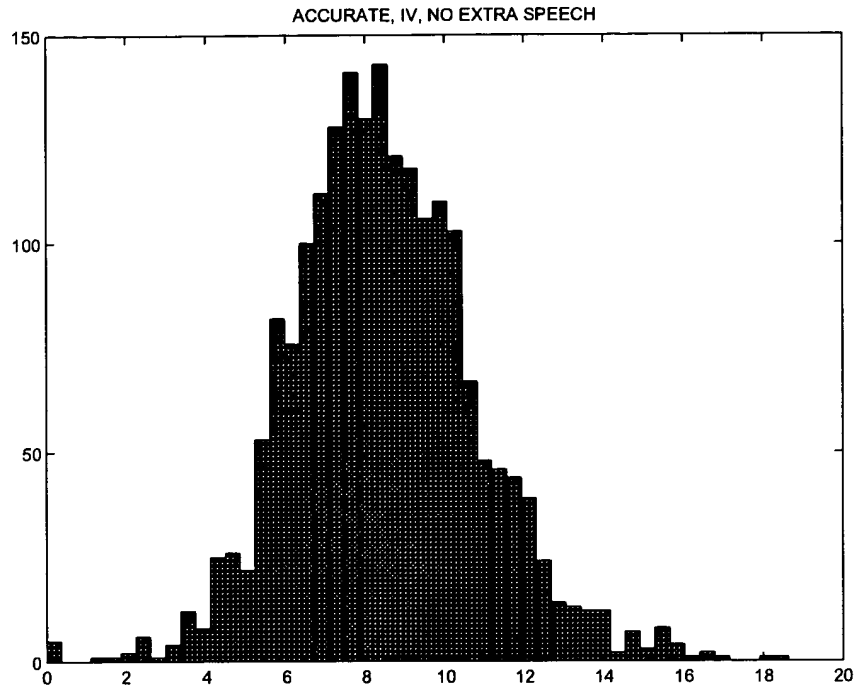


Fig. 3A

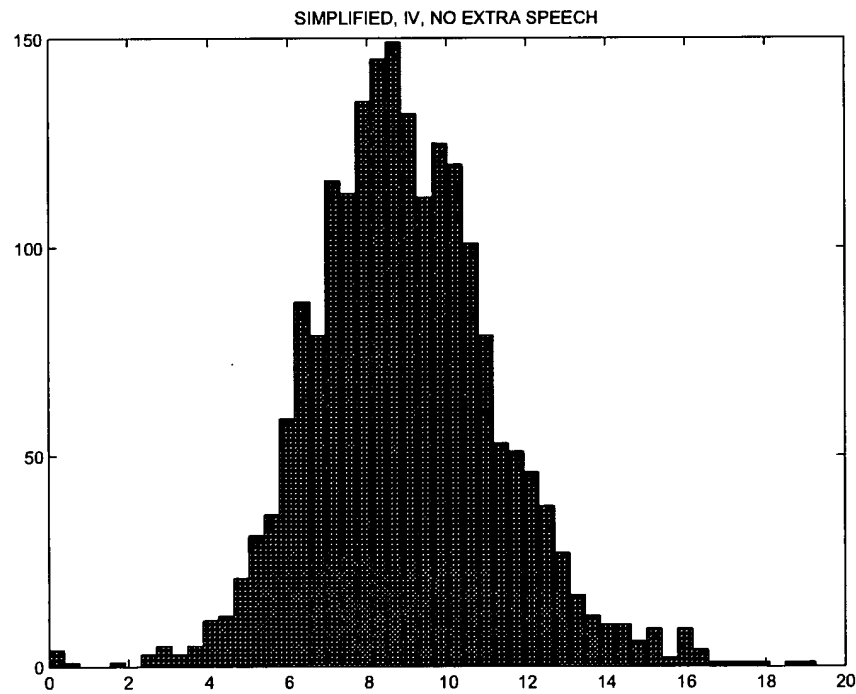


Fig. 3B

Histogram of the measurements (without extra speech) for rejection decision. Top: Accurate formulation (Eq-12). Bottom: Simplified formulation (Eq-15)

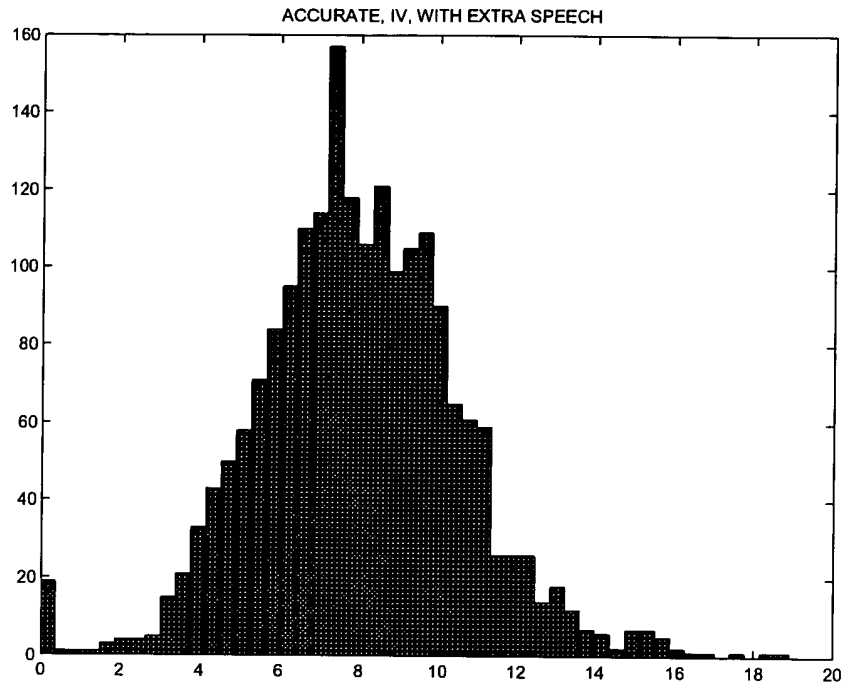


Fig. 4A

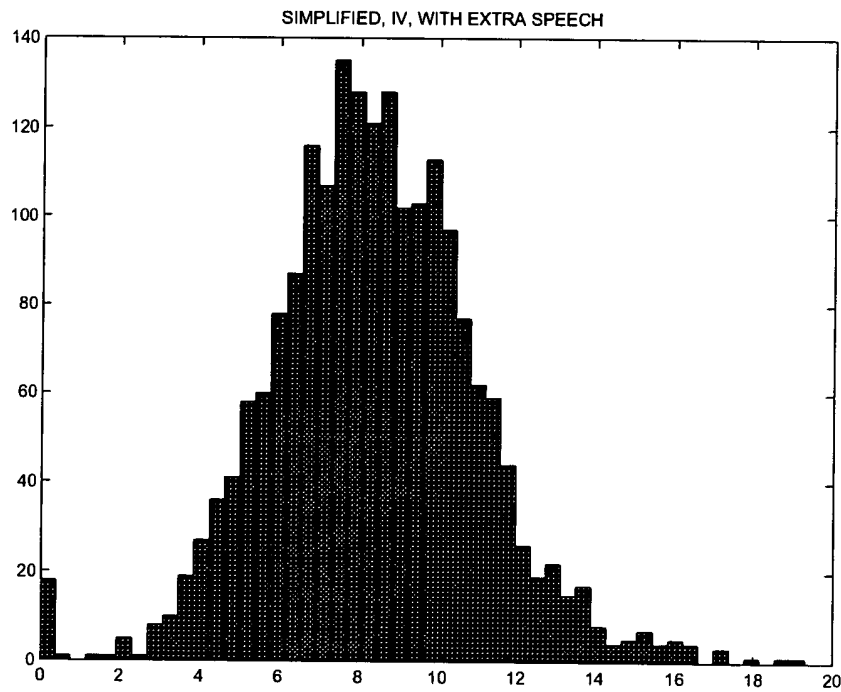


Fig. 4B

31 Histogram of the measurements (with extra speech) for rejection decision. Top: Accurate formulation (Eq-12). Bottom: Simplified formulation (Eq-15)

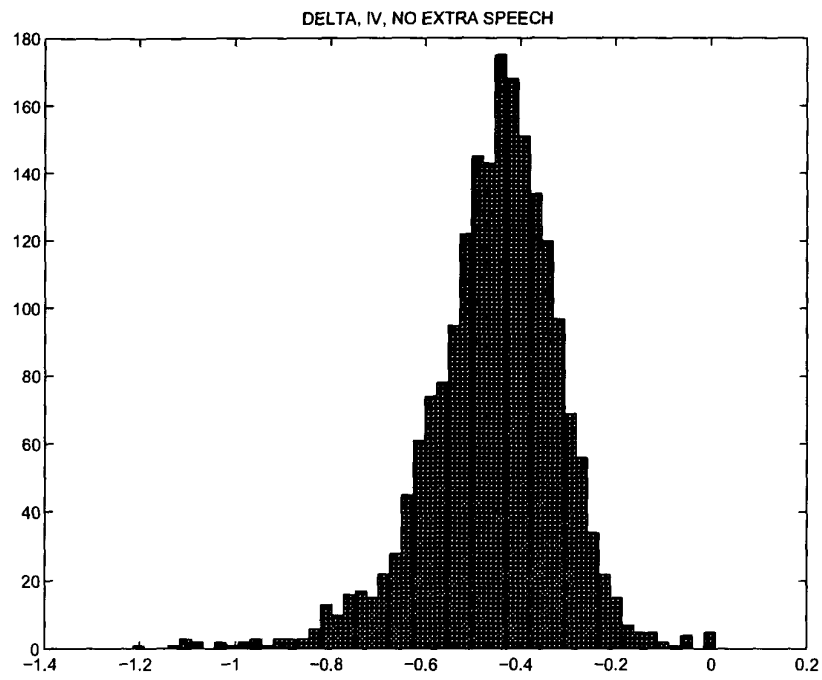


Fig. 5A

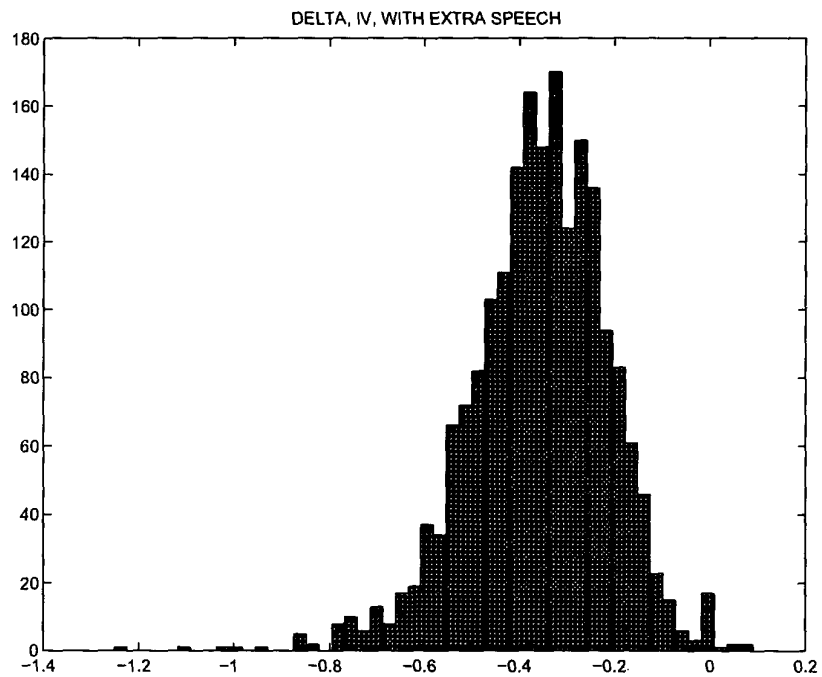


Fig. 5B

Histogram of the measurement difference ($\rho - \hat{\rho}$) obtained from accurate and simplified algorithms for rejection decision. Top: without extra speech. Bottom: with extra speech